

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend the claims as follows:

1. (Currently Amended) A system for ~~reproducing~~ displaying a moving image ~~from an encoded data stream encoded in accordance with a coding method, the encoded data stream being reconfigurable without decoding,~~ comprising:

a reproduction apparatus to ~~reproduce~~ display the moving image; and

a transmission apparatus to ~~transmit~~ store and transmit the encoded data stream compressed data of the moving image to the reproduction apparatus, ~~the transmission apparatus being connected to the reproduction apparatus via a communication channel,~~ wherein the reproduction apparatus further comprises:

~~a setting unit to set a reproduction condition in response to a user's operation, the reproduction condition being transmitted to the transmission apparatus, the transmission apparatus further comprises:~~

a display to display the moving image in a window thereof;

a reproduction condition receiving unit to receive a reproduction condition input by a user, wherein the reproduction condition indicates a condition for displaying the moving image;

a reproduction condition sending unit to send the reproduction condition to the transmission apparatus;

a compressed data stream receiving unit to receive the compressed data stream from the transmission apparatus; and

a decompression unit to decompress the compressed data stream into the moving image, and

wherein the transmission apparatus comprises:

~~a determination unit to determine a reconfiguration method of the encoded data stream based on the reproduction condition received from the reproduction apparatus, and~~

~~a reconfiguration unit to reconfigure the encoded data stream to be transmitted to the reproduction apparatus based on the reconfiguration method determined by the determination unit~~

a memory to store the compressed data;

a reproduction condition receiving unit to receive the reproduction condition sent from the reproduction apparatus;

a reconfiguration method determination unit to change the reproduction condition into a reconfiguration method, wherein the reconfiguration method defines a method for reconfiguration of the compressed data stream;

a reconfiguration unit to reconfigure the compressed data stored in the memory, without decompressing the compressed data, based on the reconfiguration method;
and

a reconfigured compressed data sending unit to send the reconfigured compressed data to the reproduction apparatus.

2. (Currently Amended) The system as claimed in claim 1, wherein the reproduction condition received by the reproduction condition receiving unit ~~set by the setting unit~~ includes at least one of a display size, a display range, image quality, a color component, and a frame rate.

3. (Currently Amended) The system as claimed in claim 2, wherein the ~~setting~~ reproduction condition receiving unit adjusts the display size included in the reproduction condition in response to the user input ~~user's operation~~ for changing a window size in which the moving image is displayed.

4. (Currently Amended) The system as claimed in claim 2, wherein the ~~setting~~ reproduction condition receiving unit changes the display size included in the reproduction condition in response to the user input ~~user's operation~~ for selecting a window in which the moving image is displayed.

5. (Currently Amended) The system as claimed in claim 2, wherein the ~~setting~~ reproduction condition receiving unit adjusts the display range included in the reproduction condition in response to the user input ~~user's operation~~ for panning and tilting.

6. (Currently Amended) The system as claimed in claim 2, wherein the ~~setting~~ reproduction condition receiving unit adjusts the display range included in the reproduction condition in response to the user input ~~user's operation~~ for zooming.

7. (Currently Amended) The system as claimed in claim 2, wherein the ~~setting~~ reproduction condition receiving unit adjusts the image quality and the frame rate in the reproduction condition in response to the user input ~~user's operation~~ for adjusting a balance between the image quality and the frame rate.

8. (Currently Amended) A system for reproducing a moving image from an encoded data stream encoded in accordance with a coding method, the encoded data stream being reconfigurable without decoding, comprising:

a reproduction apparatus to reproduce the moving image; and

a transmission apparatus to transmit the encoded data stream to the reproduction apparatus, the transmission apparatus being connected to the reproduction apparatus via a communication channel, wherein the reproduction apparatus further comprises:

a reproduction condition receiving ~~setting~~ unit to receive ~~set~~ a reproduction condition input by a user in response to a user's operation, the reproduction condition indicating a condition for displaying the moving image and being transmitted to the transmission apparatus; and

a reconfiguration method determination unit to change the reproduction condition into ~~determine~~ a reconfiguration method, wherein the reconfiguration method defines a method for reconfiguration of the encoded data stream ~~of the encoded data stream based on the reproduction condition received from the reproduction apparatus~~, the transmission apparatus further comprises:

a reconfiguration unit to reconfigure the encoded data stream to be transmitted to the reproduction apparatus based on the reconfiguration method determined by the determination unit.

9. (Currently Amended) The system as claimed in claim 8, wherein the reproduction condition received by the reproduction condition receiving unit ~~set by the setting unit~~ includes at least one of a display size, a display range, image quality, a color component, and a frame rate.

10. (Currently Amended) The system as claimed in claim 9, wherein the ~~setting~~ reproduction condition receiving unit adjusts the display size included in the reproduction condition in response to the user input ~~user's operation~~ for changing a window size in which the moving image is displayed.

11. (Currently Amended) The system as claimed in claim 9, wherein the ~~setting~~ reproduction condition receiving unit changes the display size included in the reproduction condition in response to the user input ~~user's operation~~ for selecting a window in which the moving image is displayed.

12. (Currently Amended) The system as claimed in claim 9, wherein the ~~setting~~ reproduction condition receiving unit adjusts the display range included in the reproduction condition in response to the user input ~~user's operation~~ for panning and tilting.

13. (Currently Amended) The system as claimed in claim 9, wherein the ~~setting~~ reproduction condition receiving unit adjusts the display range included in the reproduction condition in response to the user input ~~user's operation~~ for zooming.

14. (Currently Amended) The system as claimed in claim 9, wherein the setting reproduction condition receiving unit adjusts the image quality and the frame rate in the reproduction condition in response to the user input ~~user's operation~~ for adjusting a balance between the image quality and the frame rate.

15. (Currently Amended) A system for reproducing a moving image ~~from an encoded data stream encoded in accordance with a coding method, the encoded data stream being reconfigurable without decoding,~~ comprising:

~~a moving image source; and~~

~~a reproduction apparatus to reproduce the moving image obtained from the moving~~

~~image source, wherein the reproduction apparatus further comprises:~~

~~a setting unit to set a reproduction condition in response to a user's operation;~~

~~the reproduction condition being transmitted to the transmission~~

~~apparatus;~~

~~a determination unit to determine a reconfiguration method of the encoded data~~

~~stream based on the reproduction condition received from the~~

~~reproduction apparatus, and~~

~~a reconfiguration unit to reconfigure the encoded data stream to be transmitted~~

~~to the reproduction apparatus based on the reconfiguration method~~

~~determined by the determination unit.~~

a reproduction apparatus to display the moving image; and

a transmission apparatus to transmit reconfigured compressed data stream to

the reproduction apparatus;

the reproduction apparatus comprising:

a display to display a moving image in a window on the display;

a reproduction condition receiving unit to receive a reproduction condition input by a user, wherein the reproduction condition indicates a condition for displaying the moving image;

a reconfiguration method determination unit to change the reproduction condition into a reconfiguration method, wherein the reconfiguration method defines a method for reconfiguration of the compressed data stream;

a reconfiguration method sending unit to send the reconfiguration method to the transmission apparatus;

a reconfiguration compressed data stream receiving unit to receive the reconfigured compressed data stream from the transmission apparatus; and

a decompression unit to decompress the reconfigured compressed data stream and obtain moving image of the reconfigured compressed data stream;

the transmission apparatus comprising:

a memory to store compressed data stream;

a reconfiguration method receiving unit to receive the reconfiguration method sent from the reproduction apparatus;

a reconfiguration unit to generate the reconfigured compressed data from the compressed data stream stored in the memory, without decompressing the compressed data stream, in response to the reconfiguration method; and

a reconfigured compressed data stream sending unit to send the reconfigured compressed data to the reproduction apparatus.

16. (Currently Amended) The system as claimed in claim 15, wherein the reproduction condition received by the reproduction condition receiving unit ~~set by the setting unit~~ includes at least one of a display size, a display range, image quality, a color component, and a frame rate.

17. (Currently Amended) The system as claimed in claim 16, wherein the ~~setting~~ reproduction condition receiving unit adjusts the display size included in the reproduction condition in response to the user input ~~user's operation~~ for changing a window size in which the moving image is displayed.

18. (Currently Amended) The system as claimed in claim 16, wherein the ~~setting~~ reproduction condition receiving unit changes the display size included in the reproduction condition in response to the user input ~~user's operation~~ for selecting a window in which the moving image is displayed.

19. (Currently Amended) The system as claimed in claim 16, wherein the ~~setting~~ reproduction condition receiving unit adjusts the display range included in the reproduction condition in response to the user input ~~user's operation~~ for panning and tilting.

20. (Currently Amended) The system as claimed in claim 16, wherein the ~~setting~~ reproduction condition receiving unit adjusts the display range included in the reproduction condition in response to the user input ~~user's operation~~ for zooming.

21. (Currently Amended) The system as claimed in claim 16, wherein the ~~setting~~
reproduction condition receiving unit adjusts the image quality and the frame rate in the
reproduction condition in response to the user input ~~user's operation~~ for adjusting a balance
between the image quality and the frame rate.

22. (Cancelled) A reproduction apparatus for reproducing a moving image by decoding an
encoded data stream from a transmission apparatus, comprising:

a setting unit to set a reproduction condition in response to a user's operation, wherein
the reproduction apparatus transmits the reproduction condition set by the
setting unit to the transmission apparatus, and receives an encoded data stream
reconfigured by a reconfiguration method determined in response to the
transmitted reproduction condition from the transmission apparatus.

23. (Currently Amended) A reproduction apparatus for reproducing a moving image by
decoding an encoded data stream from a transmission apparatus, comprising:

a reproduction condition receiving unit to receive a reproduction condition input by a
user, the reproduction condition indicating a condition for displaying the
moving image and being transmitted to the transmission apparatus ~~a setting~~
~~unit to set a reproduction condition in response to a user's operation; and~~
a reconfiguration method determination unit to change the reproduction condition into
determine a reconfiguration method for reconfiguring the encoded data stream
based on the reproduction condition set by the setting unit, wherein the
reconfiguration method defines a method for reconfiguration of the encoded
data stream, and wherein the reproduction apparatus transmits the

reconfiguration method determined by the reconfiguration method determination unit to the transmission apparatus, and receives an encoded data stream reconfigured by the transmitted reconfiguration method from the transmission apparatus.

24. (Currently Amended) A transmission apparatus for transmitting an encoded data stream compressed in accordance with JPEG 2000 to a reproduction apparatus connected thereto via a communication channel, comprising:

a reconfiguration method determination unit to change a reproduction condition received from a user into ~~determine~~ a reconfiguration method ~~for reconfiguring the encoded data stream based on the reproduction condition set by the setting unit,~~ wherein the reproduction condition indicating a condition for displaying the moving image and further wherein the reconfiguration method defines a method for reconfiguration of the encoded data stream; and

a reconfiguration unit to reconfigure the encoded data stream to be transmitted to the reproduction apparatus based on the reconfiguration method determined by the determination unit.

25. (Currently Amended) A method of reproducing a moving image encoded into an encoded data stream in accordance with JPEG 2000, comprising:

receiving a reproduction condition input by a user, the reproduction condition indicating a condition for displaying the moving image;

change the reproduction condition into a reconfiguration method, wherein the reconfiguration method defines a method for reconfiguration of the encoded data stream;

~~setting a reproduction condition in response to a user's operation;~~
~~determining a reconfiguration method of the encoded data stream based on the set~~
~~reproduction condition;~~
reconfiguring the encoded data stream based on the determined reconfiguration
method; and
reproducing the moving image from the reconfigured encoded data stream.

26. (Currently Amended) The method as claimed in claim 25, wherein the reproduction condition ~~set when setting the reproduction condition~~ includes at least one of a display size, a display range, image quality, a color component, and a frame rate.

27. (Currently Amended) The method as claimed in claim 26, wherein the display size included in the reproduction condition is adjusted in response to the user input ~~user's operation~~ for changing a window size in which the moving image is displayed ~~in the step of setting the reproduction condition~~.

28. (Currently Amended) The method as claimed in claim 26, wherein the display size included in the reproduction condition is changed in response to the user input ~~user's operation~~ for selecting a window in which the moving image is displayed ~~in the step of setting the reproduction condition~~.

29. (Currently Amended) The method as claimed in claim 26, wherein the display range included in the reproduction condition is changed in response to the user input ~~user's operation~~ for panning and tilting ~~in the step of setting the reproduction condition~~.

30. (Currently Amended) The method as claimed in claim 26, wherein the display range included in the reproduction condition is adjusted in response to the user input ~~user's operation~~ for zooming ~~in the step of setting the reproduction condition~~.

31. (Currently Amended) The method as claimed in claim 26, wherein the image quality and the frame rate in the reproduction condition is adjusted in response to the user input ~~user's operation~~ for adjusting a balance between the image quality and the frame rate ~~in the step of setting the reproduction condition~~.

32. (Currently Amended) An article of manufacture having one or more computer-readable storage ~~recordable~~-medium storing instructions which, when executed by a computer, cause the computer to perform a method of reproducing a moving image encoded into an encoded data stream in accordance with JPEG 2000 by:

~~setting a reproduction condition in response to a user's operation;~~

~~determining a reconfiguration method of the encoded data stream based on the set reproduction condition; and~~

~~reconfiguring the encoded data stream based on the determined reconfiguration method.~~

displaying the moving image; and

transmitting a reconfigured compressed data stream to a reproduction apparatus,

wherein displaying the moving image comprises:

receiving a reproduction condition input by a user, wherein the reproduction condition indicates a condition for displaying the moving image;

changing the reproduction condition into a reconfiguration method, wherein the reconfiguration method defines a method for reconfiguration of the compressed data stream;

sending the reconfiguration method to a transmission apparatus;

receiving the reconfigured compressed data stream from the transmission apparatus; and

decompressing the reconfigured compressed data stream and obtaining a moving image of the reconfigured compressed data stream;

wherein transmitting the reconfigured compress data stream comprises:

storing the compressed data stream;

receiving the reconfiguration method sent from the reproduction apparatus;

generating the reconfigured compressed data from the compressed data stream, without decompressing the compressed data stream, in response to the reconfiguration method; and

sending the reconfigured compressed data to the reproduction apparatus.